

Safety Power Isolation Switch

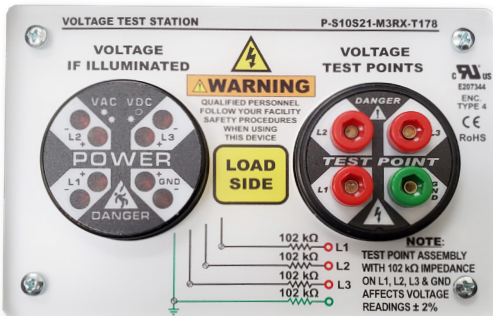


The BSP switch provides an external means for disconnecting industrial control panels, allowing an operator to access the control panel without exposure to the line side voltage. This increases safety and allows for less Personal Protection Equipment(PPE), improving worker dexterity and mobility. The vast majority of control panels installed in industrial applications expose operators to line side system voltage (i.e., 480 Vac) even when the internal main disconnect is in the OFF position. Many industrial customers are concerned with arc flash hazards and arc flash categories and are looking for ways to reduce them.

The BSP includes both a visual indication of the presence of line power and a test verification port.

Test Point Features

- Permanent Electrical Safety Device (PESD) that allows workers a safer way to verify presence or absence of voltage from outside the electrical cabinet.
- Contains four test point jacks that are hardwired directly to energy sources and allows measurement of both AC and DC voltages by inserting the insulated meter probes into any two test point jacks to take a voltage reading.
- Provides a safer and more productive method of performing Lockout/Tagout (LOTO), while exceeding NFPA 70E and meeting the OSHA energy isolation principle.



Model Number Breakdown

BSP XXX IS -YZ- WW (-AUX)

- Base Model Number
- Amp Rating
- Isolation Switch
- Line Side Indicator
- Load Side Indicator
- Nema Rating
- Optional Aux Contactor

XXX -> 030, 060, 100, 200, 400, 600
Y -> 0 for nothing, 1 for indicator only, 2 for test station
Z -> 1 for indicator only, 2 for test station
WW -> 01 for NEMA 1, 12 for NEMA 12, 3R for NEMA 3R
AUX -> optional auxiliary contacts, 2 sets of NO/NC contacts



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30A Model Selection

	Model Number	Current Rating	Line Side Indicator	Load Side Indicator	Nema Rating	
	BSP030IS-01-01	30 A	N/A	Indicator Only	Nema 1	
	BSP030IS-01-12				Nema 12	
	BSP030IS-01-3R				Nema 3R	
	BSP030IS-02-01	30 A	N/A	Test Station	Nema 1	
	BSP030IS-02-12				Nema 12	
	BSP030IS-02-3R				Nema 3R	
	BSP030IS-11-01	30 A	Indicator Only	Indicator Only	Nema 1	
	BSP030IS-11-12				Nema 12	
	BSP030IS-11-3R				Nema 3R	
	BSP030IS-12-01	30 A	Indicator Only	Test Station	Nema 1	
	BSP030IS-12-12				Nema 12	
	BSP030IS-12-3R				Nema 3R	

60A Model Selection

	Model Number	Current Rating	Line Side Indicator	Load Side Indicator	Nema Rating	
	BSP060IS-01-01	60 A	N/A	Indicator Only	Nema 1	
	BSP060IS-01-12				Nema 12	
	BSP060IS-01-3R				Nema 3R	
	BSP060IS-02-01	60 A	N/A	Test Station	Nema 1	
	BSP060IS-02-12				Nema 12	
	BSP060IS-02-3R				Nema 3R	
	BSP060IS-11-01	60 A	Indicator Only	Indicator Only	Nema 1	
	BSP060IS-11-12				Nema 12	
	BSP060IS-11-3R				Nema 3R	
	BSP060IS-12-01	60 A	Indicator Only	Test Station	Nema 1	
	BSP060IS-12-12				Nema 12	
	BSP060IS-12-3R				Nema 3R	

100A Model Selection

	Model Number	Current Rating	Line Side Indicator	Load Side Indicator	Nema Rating	
	BSP100IS-01-01	100 A	N/A	Indicator Only	Nema 1	
	BSP100IS-01-12				Nema 12	
	BSP100IS-01-3R				Nema 3R	
	BSP100IS-02-01	100 A	N/A	Test Station	Nema 1	
	BSP100IS-02-12				Nema 12	
	BSP100IS-02-3R				Nema 3R	
	BSP100IS-11-01	100 A	Indicator Only	Indicator Only	Nema 1	
	BSP100IS-11-12				Nema 12	
	BSP100IS-11-3R				Nema 3R	
	BSP100IS-12-01	100 A	Indicator Only	Test Station	Nema 1	
	BSP100IS-12-12				Nema 12	
	BSP100IS-12-3R				Nema 3R	



200A Model Selection

	Model Number	Current Rating	Line Side Indicator	Load Side Indicator	Nema Rating	
	BSP200IS-01-01				Nema 1	
	BSP200IS-01-12	200 A	N/A	Indicator Only	Nema 12	
	BSP200IS-01-3R				Nema 3R	
	BSP200IS-02-01				Nema 1	
	BSP200IS-02-12	200 A	N/A	Test Station	Nema 12	
	BSP200IS-02-3R				Nema 3R	
	BSP200IS-11-01				Nema 1	
	BSP200IS-11-12	200 A	Indicator Only	Indicator Only	Nema 12	
	BSP200IS-11-3R				Nema 3R	
	BSP200IS-12-01				Nema 1	
	BSP200IS-12-12	200 A	Indicator Only	Test Station	Nema 12	
	BSP200IS-12-3R				Nema 3R	
	BSP200IS-21-01				Nema 1	
	BSP200IS-21-12	200 A	Test Station	Indicator Only	Nema 12	
	BSP200IS-21-3R				Nema 3R	
	BSP200IS-22-01				Nema 1	
	BSP200IS-22-12	200 A	Test Station	Test Station	Nema 12	
	BSP200IS-22-3R				Nema 3R	

400A Model Selection

	Model Number	Current Rating	Line Side Indicator	Load Side Indicator	Nema Rating	
	BSP400IS-01-01				Nema 1	
	BSP400IS-01-12	400 A	N/A	Indicator Only	Nema 12	
	BSP400IS-01-3R				Nema 3R	
	BSP400IS-02-01				Nema 1	
	BSP400IS-02-12	400 A	N/A	Test Station	Nema 12	
	BSP400IS-02-3R				Nema 3R	
	BSP400IS-11-01				Nema 1	
	BSP400IS-11-12	400 A	Indicator Only	Indicator Only	Nema 12	
	BSP400IS-11-3R				Nema 3R	
	BSP400IS-12-01				Nema 1	
	BSP400IS-12-12	400 A	Indicator Only	Test Station	Nema 12	
	BSP400IS-12-3R				Nema 3R	
	BSP400IS-21-01				Nema 1	
	BSP400IS-21-12	400 A	Test Station	Indicator Only	Nema 12	
	BSP400IS-21-3R				Nema 3R	
	BSP400IS-22-01				Nema 1	
	BSP400IS-22-12	400 A	Test Station	Test Station	Nema 12	
	BSP400IS-22-3R				Nema 3R	



600A Model Selection

	Model Number	Current Rating	Line Side Indicator	Load Side Indicator	Nema Rating
	BSP600IS-01-01				Nema 1
	BSP600IS-01-12	600 A	N/A	Indicator Only	Nema 12
	BSP600IS-01-3R				Nema 3R
	BSP600IS-02-01				Nema 1
	BSP600IS-02-12	600 A	N/A	Test Station	Nema 12
	BSP600IS-02-3R				Nema 3R
	BSP600IS-11-01				Nema 1
	BSP600IS-11-12	600 A	Indicator Only	Indicator Only	Nema 12
	BSP600IS-11-3R				Nema 3R
	BSP600IS-12-01				Nema 1
	BSP600IS-12-12	600 A	Indicator Only	Test Station	Nema 12
	BSP600IS-12-3R				Nema 3R
	BSP600IS-21-01				Nema 1
	BSP600IS-21-12	600 A	Test Station	Indicator Only	Nema 12
	BSP600IS-21-3R				Nema 3R
	BSP600IS-22-01				Nema 1
	BSP600IS-22-12	600 A	Test Station	Test Station	Nema 12
	BSP600IS-22-3R				Nema 3R

Contact Us

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